

Fig. 1

- 1. Sodium bicarbonate @ pH 11.0, 120g; 0.8% La + 3.2% NaCl, 60g
- ▨ 2. Sodium bicarbonate @ pH 11.0, 120g; 0.8% La + 3.2% NaCl + 1000 ppm EDTA, 60g
- ▤ 3. Sodium bicarbonate @ pH 11.0, 120g; 0.8% La + 3.2% NaCl + 1000 ppm EDTA + 1000 ppm Cat 12, 60g

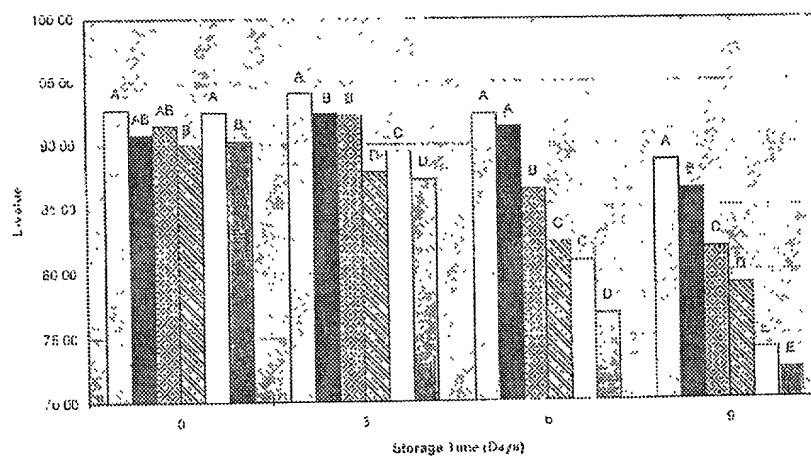


Fig. 2

Sample 1: pH 11, 25°C, 30% Tris-carboxylate, 1000 ppm EDTA, 10% NaOH
 Sample 2: pH 11, 25°C, 30% Tris-carboxylate, 1000 ppm EDTA, 10% NaOH, 12%
 Sample 3: pH 11, 25°C, 30% Tris-carboxylate, 1000 ppm EDTA, 10% NaOH, 12%
 Sample 4: pH 11, 25°C, 30% Tris-carboxylate, 1000 ppm EDTA, 10% NaOH, 12%
 Sample 5: pH 11, 25°C, 30% Tris-carboxylate, 1000 ppm EDTA, 10% NaOH, 12%
 Sample 6: pH 11, 25°C, 30% Tris-carboxylate, 1000 ppm EDTA, 10% NaOH, 12%

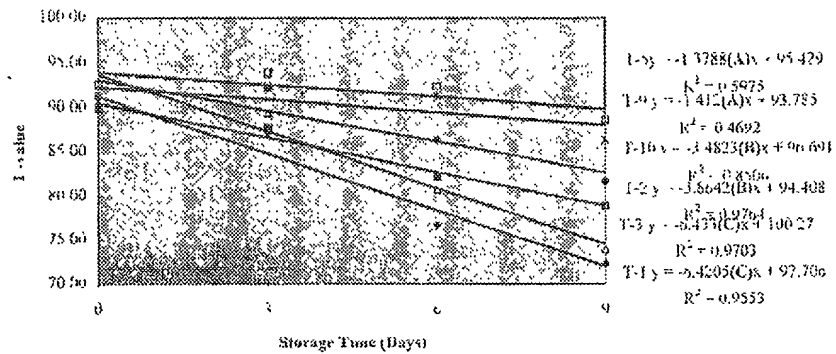


FIG. 3

- ♦ T-1 R.O. Water, 10°C, 90s
- T-2 R.O. Water, 10°C, 120s
- △ T-3 1600 ppm sodium sulfite, 10°C, 90s
- T-4 pH 11, 25°C, 30s; 3% erythorbate + 1000 ppm EDTA, 10°C, 60s
- × T-5 pH 11, 25°C, 60s; 3% erythorbate + 1000 ppm EDTA, 10°C, 120s
- T-6 pH 11, 25°C, 120s; 3% erythorbate + 1000 ppm EDTA, 10°C, 120s

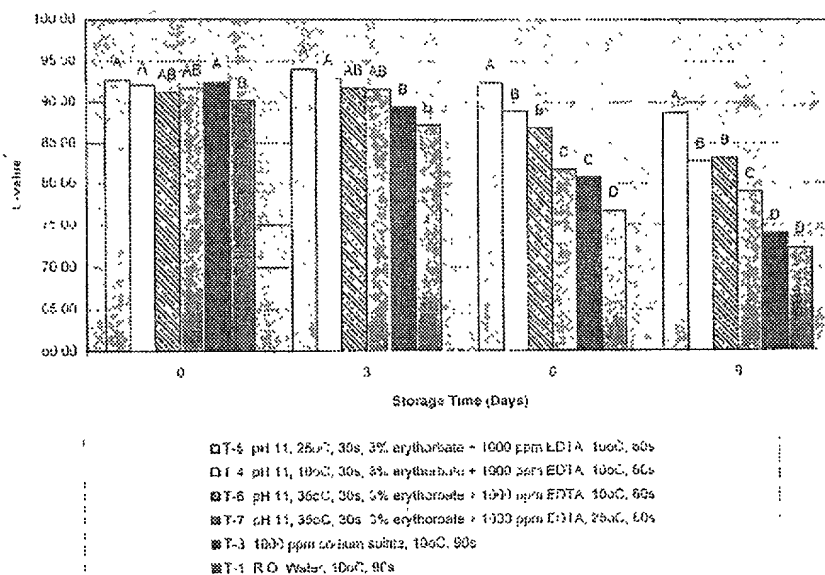
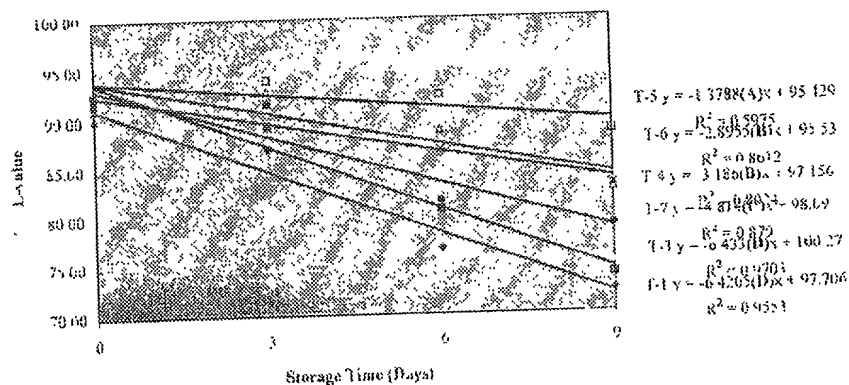


Fig. 4



- T-1 P.D. Water, 10°C, 90s
- T-3 1900 ppm sodium sulfite, 10°C, 50s
- △ T-4 pH 11, 10°C, 30s, 3% erythorbate + 1000 ppm EDTA, 10°C, 60s
- T-5 pH 11, 25°C, 30s, 3% erythorbate + 1000 ppm EDTA, 10°C, 60s
- × T-6 pH 11, 35°C, 30s, 3% erythorbate + 1000 ppm EDTA, 10°C, 60s
- T-7 pH 11, 35°C, 30s, 3% erythorbate + 1000 ppm EDTA, 25°C, 60s

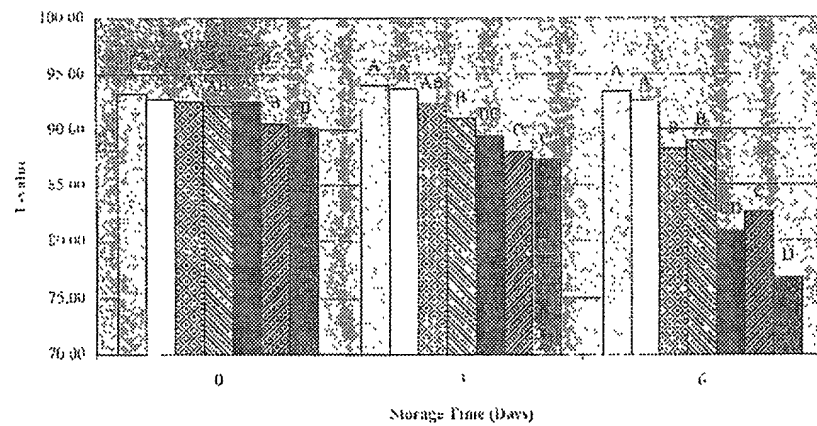


Fig. 6

1-1: 0.05 M sodium bicarbonate @ pH 10.5; 3% erythritol
 2-1: 0.05 M sodium bicarbonate @ pH 9.5; 3% erythritol
 3-1: 0.05 M sodium bicarbonate @ pH 8.5; 3% erythritol
 4-1: 0.05 M sodium bicarbonate @ pH 7.5; 3% erythritol
 5-1: 0.05 M sodium bicarbonate @ pH 6.5; 3% erythritol

1-2: 0.05 M sodium bicarbonate @ pH 10.5; 3% erythritol
 2-2: 0.05 M sodium bicarbonate @ pH 9.5; 3% erythritol
 3-2: 0.05 M sodium bicarbonate @ pH 8.5; 3% erythritol
 4-2: 0.05 M sodium bicarbonate @ pH 7.5; 3% erythritol
 5-2: 0.05 M sodium bicarbonate @ pH 6.5; 3% erythritol

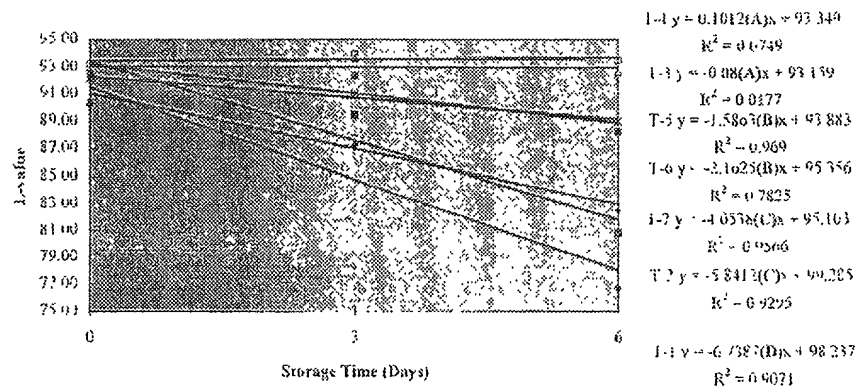


FIG. 7

◆ 1-1 R (C) Water, 9.0%

△ 1-3 0.05 M sodium bicarbonate @ pH 11.0, 3% erythorbate

× 1-5 0.05 M sodium bicarbonate @ pH 10.0, 3% erythorbate

1 T-7 0.05 M sodium bicarbonate @ pH 9.0, 3% erythorbate

■ 1-1 1.00 ppm sodium sulfite 0%

○ 1-1 0.05 M sodium bicarbonate @ pH 10.5, 3% erythorbate

● 1-6 0.05 M sodium bicarbonate @ pH 9.5, 3% erythorbate

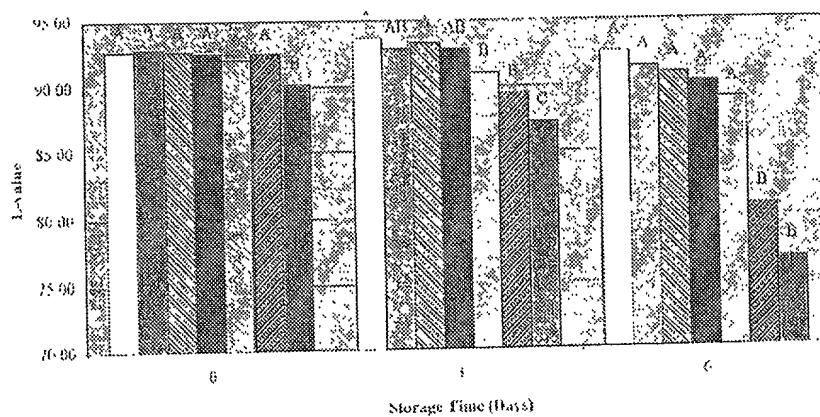


Fig. 8

0.05% Sodium Lauryl Sulfate (pH 10.0, 4% cryocon)
 0.50% Sodium Lauryl Sulfate (pH 10.0, 3% cryocon)
 0.05% Potassium Lauryl Sulfate (pH 10.0, 3% cryocon)
 0.05% Potassium Lauryl Sulfate (pH 10.0, 3% cryocon)
 0.05% Potassium Lauryl Sulfate (pH 10.0, 3% cryocon)

0.05% Sodium Lauryl Sulfate (pH 10.0, 3% cryocon)
 0.05% Sodium Lauryl Sulfate (pH 10.0, 3% cryocon)
 0.05% Sodium Lauryl Sulfate (pH 10.0, 3% cryocon)

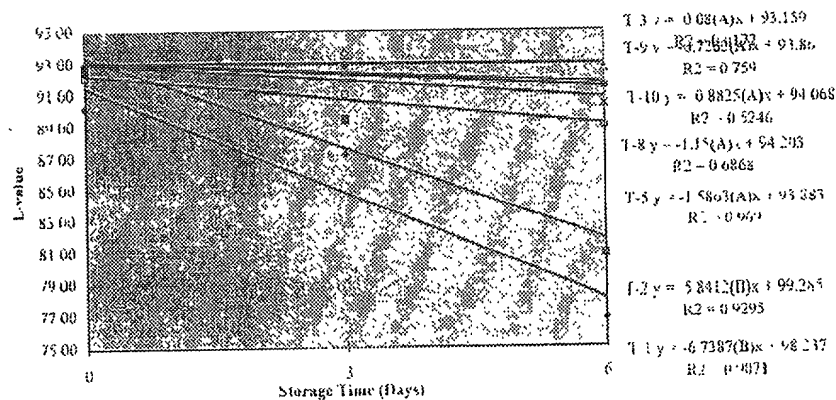


Fig. 9

• T-1 R.O. Water, 99%

Δ T-3 0.05 M sodium bicarbonate @ pH 11.0, 5% erythronate

× T-8 0.10 M sodium bicarbonate @ pH 10.0, 3% erythronate

~ T-10 0.10 M sodium bicarbonate @ pH 10.0, 3% erythronate

■ T-2 1500 ppm sodium sulfite, 90%

○ T-5 0.05 M sodium bicarbonate @ pH 10.0, 3% erythronate

• T-9 0.10 M sodium bicarbonate @ pH 10.0, 3% erythronate

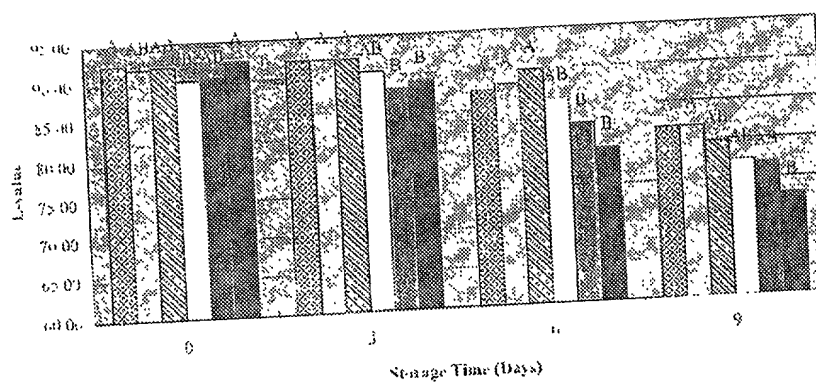
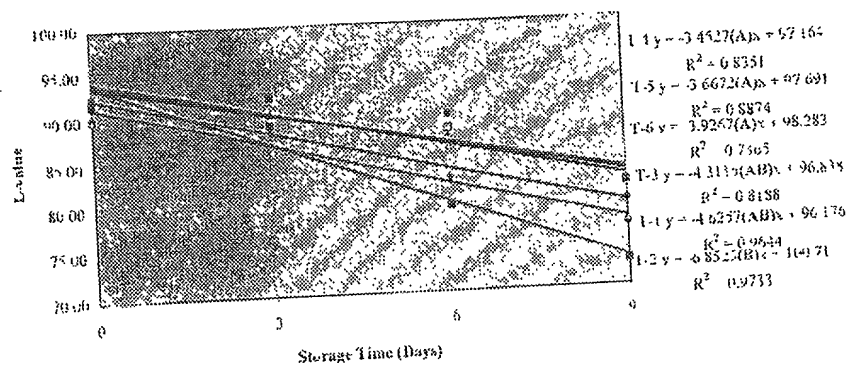
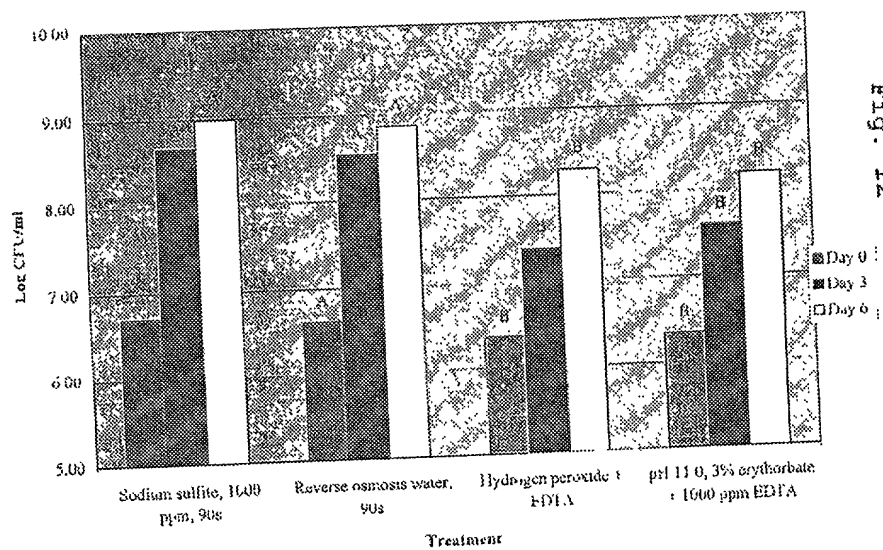


Fig. 10

- T-5 Sodium bicarbonate 1000 ppm, 1200, 0.8% La + 2.0% NaCl + 1000 ppm E-3FA, 60.
 □ T-4 Sodium bicarbonate 1000 ppm, 1200, 0.8% La + 5.2% NaCl, 60.
 □ T-3 Na bicarbonate 1000 ppm, 1200, 0.8% La + 5.2% NaCl, 60.
 □ T-2 10,000 ppm hydrogen peroxide, 1000 ppm EDTA, 140.
 □ T-1 Reverse osmosis water, 140.
 □ T-2 Sodium sulfite, 1000 ppm, 140.





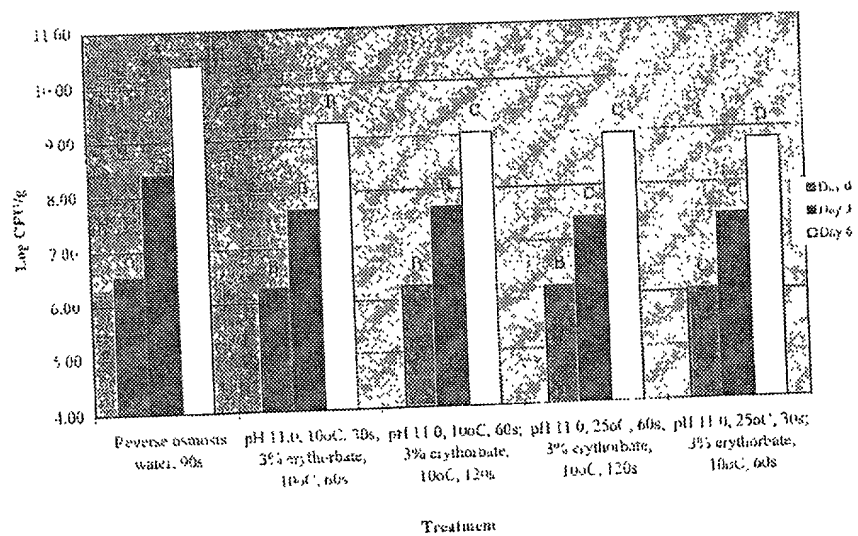


Fig. 13

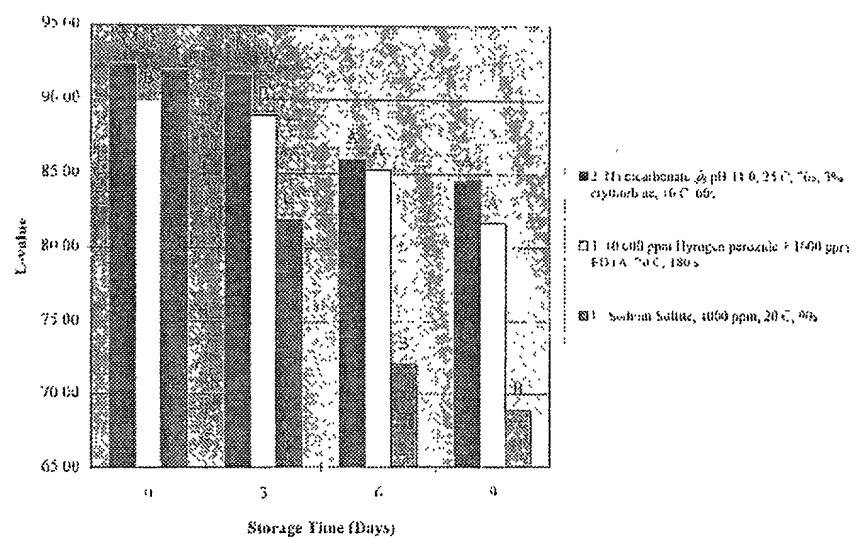
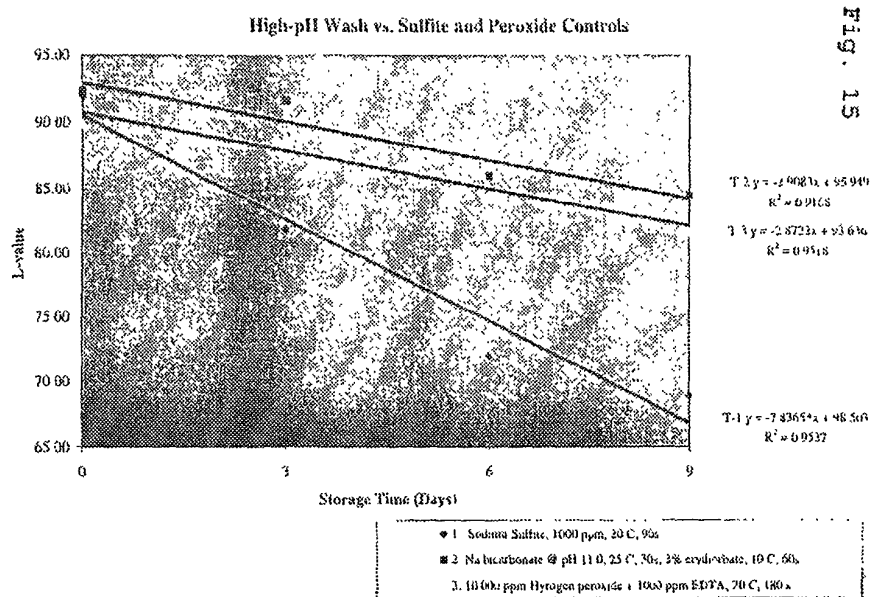


Fig. 14



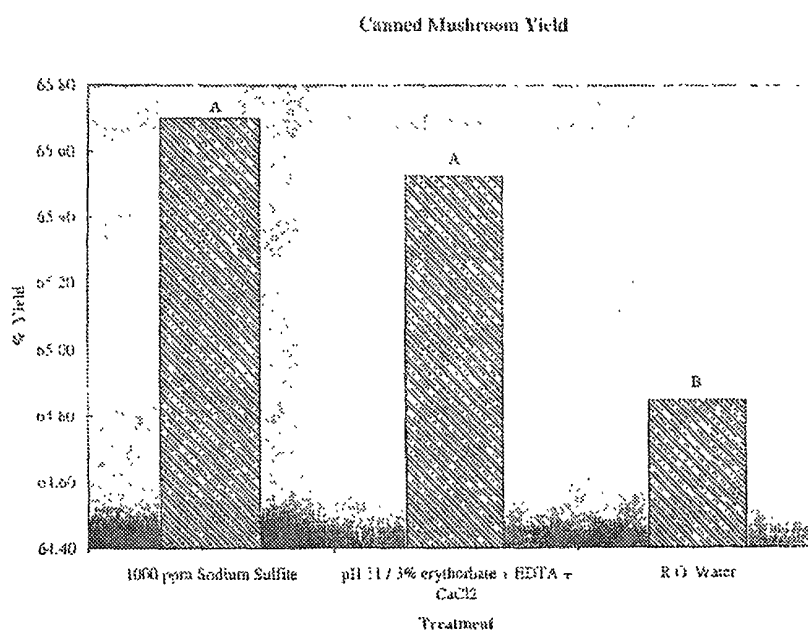
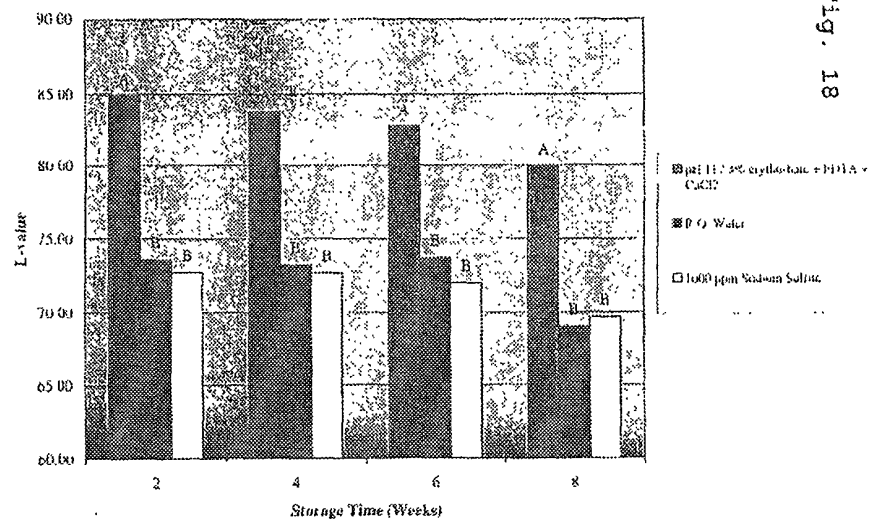


Fig. 17

Frozen Mushroom Color



Aerobic Plate Count on Frozen Mushrooms

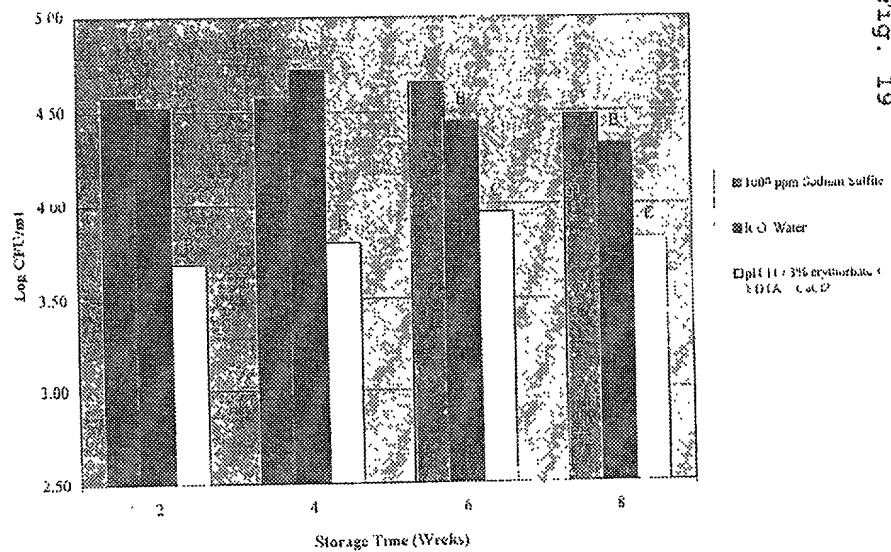


Fig. 19

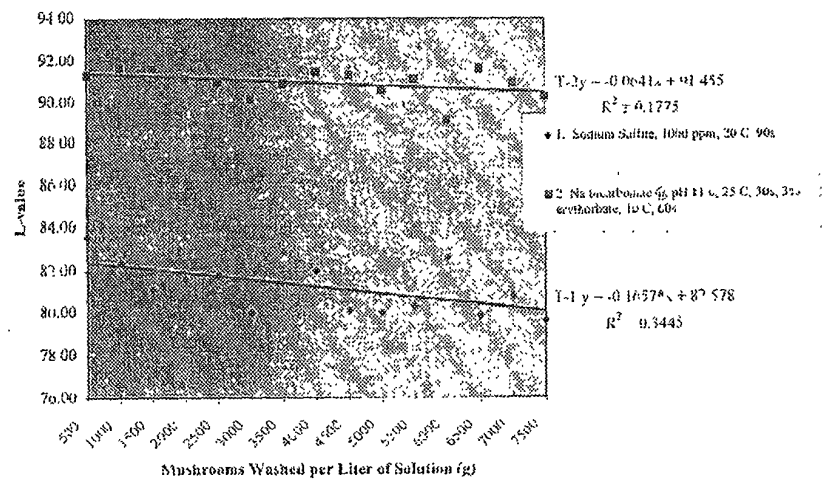


Fig. 20